

Converting Colors

XYZ(39.2367, 27.9623, 51.3373)

Have a look what the booklet for
XYZ(39.2367, 27.9623, 51.3373)
contains.

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Color

**XYZ(39.1778, 27.9019,
51.4648)**

Conversions

Conversions Part 1

Format	Color
Hex	C971BD
RGB	201, 113, 189
RGB Percent	79%, 44%, 74%
CMY	0.2118, 0.5568, 0.2588
CMYK	0.00, 0.44, 0.06, 0.21
HSL	308°, 45%, 62%
HSV	308°, 44%, 79%
XYZ	39.1778, 27.9019, 51.4648
YIQ	147.9760, 28.0520, 42.2920

Conversions

Conversions Part 2

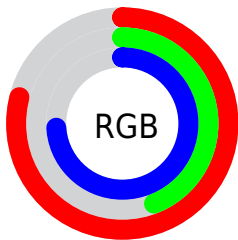
Format	Color
R_{YB}	201, 113, 189
Decimal	13201853
CIE _{Lab}	59.80, 45.39, -25.10
CIE _{LCh}	60, 51.865, 331.053
Yxy	27.9019, 0.3305, 0.2354
Android (android.graphics.Color)	4291391933 (0xFFC971BD)
YUV	147.9760, 20.2248, 46.5020
Hunter-Lab	52.8222, 39.9530, -20.7908

Details

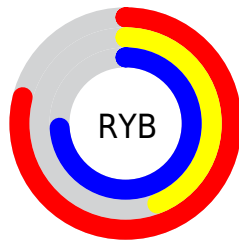
The XYZ color **39.1778, 27.9019, 51.4648** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **31.3996, 46.7656, 26.7756**, and the grayscale version is **28.0494, 29.5101, 32.1365**.

A 20% lighter version of the original color is **71.5401, 55.4900, 93.3263**, and **17.7190, 11.1065, 24.1315** is the 20% darker color. If you saturate the color by 10%, you get **36.8842, 23.7859, 49.2463**, and if you desaturate by 10%, it is **41.9754, 33.0158, 53.8796**.

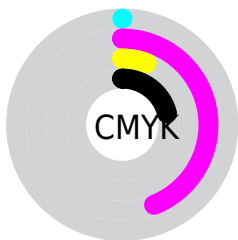
Distribution



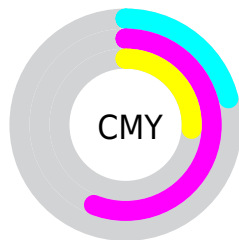
- Red (79%)
- Green (44%)
- Blue (74%)



- Red (79%)
- Yellow (44%)
- Blue (74%)



- Cyan (0%)
- Magenta (44%)
- Yellow (6%)
- Black (21%)




- Cyan (21%)
- Magenta (56%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1778, 27.9019, 51.4648 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 39.1778, 27.9019, 51.4648 by changing the saturation by 10% instead.


 39.1778, 27.9019,
51.4648


 39.1778, 27.9019,
51.4648


333.8400,
291.9979, 409.2649


 27.0794, 18.2517,
36.1994


 73.2022, 56.3278,
93.7600


 17.7698, 11.1309,
24.2973


 95.8589, 75.8723,
121.6268

 10.8835, 6.1549,
15.3401


 122.7658, 99.4837,
154.5312

 6.0553, 2.9395,
8.9091

 154.2882,
127.5463, 192.8916

 2.9197, 1.1002,
4.5860

190.7914,
160.4447, 237.1266

 1.1114, 0.0000,
1.9520

232.6409,

 0.0347, 0.0000,

198.5632, 287.6549

0.5255

280.2020,
242.2861, 344.8948

■ 0.0000, 0.0000,
0.0000

■ 39.1778, 27.9019,
51.4648

■ 39.1778, 27.9019,
51.4648

■ 36.8842, 23.7859,
49.2463

■ 41.9754, 33.0158,
53.8796

■ 35.0587, 20.5976,
47.2111

■ 45.3044, 39.1841,
56.4992

■ 33.6650, 18.2641,
45.3473

■ 49.1936, 46.4635,
59.3335

■ 32.6601, 16.6993,
43.6404

■ 53.6686, 54.9056,
62.3914

■ 31.9922, 15.7997,
42.0730

■ 58.7537, 64.5586,
65.6809

■ 31.6877, 15.4576,
41.1485

■ 64.4718, 75.4684,
69.2099

■ 70.8445, 87.6780,
72.9858

■ 71.5967, 88.6372,
74.9169

■ 71.9432, 88.7759,
76.7417

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.5825, 27.9019, 73.0958



39.1778, 27.9019, 51.4648



41.2575, 27.9019, 29.7208

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.1778, 27.9019, 51.4648



26.2886, 27.9019, 6.6681



17.1050, 27.9019, 53.1177

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.1778, 27.9019, 51.4648



31.3996, 46.7656, 26.7756

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.7907, 27.9019, 31.0498



39.1778, 27.9019, 51.4648



20.5242, 27.9019, 8.7349

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.1778, 27.9019, 51.4648



33.1143, 27.9019, 8.4486



16.9324, 27.9019, 16.0213



20.8648, 27.9019, 74.2954

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.1778, 27.9019, 51.4648



40.1387, 27.9019, 19.1516



16.9324, 27.9019, 16.0213



16.3933, 27.9019, 45.3139

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.1787, 27.9032, 51.4654



84.6520, 80.3551, 101.8854



24.8676, 20.3687, 57.8798



17.7789, 16.5602, 21.5671



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.1787, 27.9032, 51.4654



63.1616, 40.7462, 84.3269



35.1250, 26.2817, 30.1190



11.0185, 10.7908, 13.0806



19.9488, 9.7291, 26.0039



0.9622, 0.4677, 1.3243

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39.1787, 27.9032, 51.4654



63.1616, 40.7462, 84.3269



34.8342, 48.1394, 44.8621



11.0185, 10.7908, 13.0806



19.9488, 9.7291, 26.0039



0.9622, 0.4677, 1.3243

Previews

White Background



This preview shows how the XYZ color 39.1778, 27.9019, 51.4648 looks on a white background.

Color Contrast Check

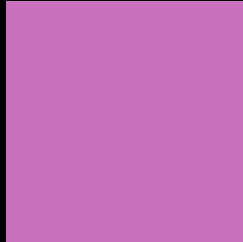
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 39.1778, 27.9019, 51.4648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

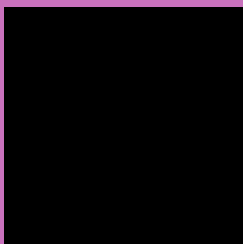
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1778, 27.9019, 51.4648

Background



This preview shows how black text looks on a background with the XYZ color 39.1778, 27.9019, 51.4648.



This preview shows how white text looks on a background with the XYZ color 39.1778, 27.9019,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.1778, 27.9019, 51.4648

Protanopia

29.5827, 28.2370, 66.1785

Deuteranopia

28.8060, 28.2100, 49.2742



Tritanopia

33.8848, 27.8578, 26.1454

Trichromacy



Original Color

39.1778, 27.9019, 51.4648



Protanomaly

31.7779, 27.1715, 60.6965



Deuteranomaly

31.6772, 27.3548, 50.0648



Tritanomaly

35.6961, 27.8782, 34.0715

Monochromacy



Original Color

39.1778, 27.9019, 51.4648



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

31.2112, 28.1878, 38.4461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1778, 27.9019, 51.4648 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(201, 113, 189)` looks like.

```
.text, #text, p{  
    color:rgb(201, 113, 189)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(201, 113, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 113, 189) }
```

Border

The CSS property to change the border of an element to XYZ 39.1778, 27.9019, 51.4648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 113, 189) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(201, 113, 189) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(201, 113, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 113, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 113, 189);  
box-shadow:4px 4px 4px 4px rgb(201, 113,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1778, 27.9019, 51.4648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 113, 189) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(201,  
113, 189) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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